

10657

Original

10657

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No. Ph-161	Office No. T-10657
LOCALITY	
State	Maryland
General locality	Potomac River
Locality	White Point Beach
1955-1958	
CHIEF OF PARTY	
James P. Randall, Chief of Party	
W. E. Randall, Baltimore District Officer	
LIBRARY & ARCHIVES	
DATE	JUN 12 1969

USCOMM-DC 5087

DESCRIPTIVE REPORT - DATA RECORD

T - 10657

Project No. (II): Ph-161

Quadrangle Name (IV):

Field Office (II): Leonardtown, Maryland

Chief of Party: James P. Randall

Photogrammetric Office (III): Baltimore, Maryland

Officer-in-Charge: William E. Randall

Instructions dated (II) (III): 9/16/57, 73/rab
Ltr. from Ch. Photo. Div. 7/23/58, 73/rrj

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:6,000
(Pantograph ratio 3/5)

Scale Factor (III): 1.000

OCT 20 1961

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): MHW

~~Mean sea level except as follows:~~
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): CAFFEE, 1919

Lat.: 38° 12' 19.585" (603.9m) Long.: 76° 34' 38.959" (947.9 m)

Adjusted
~~XXXXXXXXXX~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

[illegible]

INAPPLICABLE

Areas contoured by various personnel
(Show name within area)
 (II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): James P. Randall
Robert S. Tibbetts
Mathew A. Stewart

Date: June 1958 thru
September 1958

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 11 November 1955, supplemented
by 1958 photography. (Photogrammetric)

Projection and Grids ruled by (IV): P. J. Dempsey

Date: 11/17/58

Projection and Grids checked by (IV): R. D. Shoup

Date: 11/19/58

Control plotted by (III): D. M. Brant

Date: 3/11/60

Control checked by (III): H. P. Eichert

Date: 3/11/60

~~Control checked~~ Stereoscopic
Control extension by (III):

W. A. Kuncis

Date: 2/25/60

Stereoscopic Instrument compilation (III):

Planimetry J. D. McEvoy

Date: 8/9/60

~~Contours~~

Date:

~~Manuscript checked~~
Manuscript ^{scribed} ~~checked~~ by (III):

J. C. Cregan

Date: 6/5/61

Photogrammetric Office Review by (III): E. L. Williams

Date: 12/1/60

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS types "W" and "S" cameras, 6" focal length.

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time (E.S.T.)			
55-W-2261	11/11/55	1257		1:30,000	1.4' above MLW
55-W-2262	"	1258		"	1.4' " "
58-S-4967	6/14/58	1512		1:40,000	1.0' " "
58-S-7518	1/5/58	1306		"	No tidal waters

Tide (III) (from Predicted Tables)

Reference Station: Washington, D. C.
Subordinate Station: Blakiston Island
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	2.9'	3.3'
	1.9'	2.2'

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 8
Shoreline (More than 200 meters to opposite shore) (III): 4 st. mi.
Shoreline (Less than 200 meters to opposite shore) (III): 4 st. mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 1 Recovered: 1 Identified: 1
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 1
Number of Temporary Photo Hydro Stations established (III): None.

Remarks:

COMPILATION REPORT
Project Ph-161
T-10657

The field inspection report and photogrammetric plot report are assembled with the Descriptive Report for T-10651.

31. DELINEATION

This manuscript was compiled on the Kelsh Plotter using 1955 photography.

Ratio prints of 1958 photography were used to make some minor changes. One new road indicated on the 1955 field inspection photographs was delineated from the 1958 photography.

Field inspection was adequate, except for perennial drainage.

32. CONTROL

Horizontal control established by the stereoplanigraph bridge was adequate.

33. SUPPLEMENTAL DATA

A geographic names standard dated 19 June 1959, prepared in the Washington office was the only name source used.

A. M. S. sheet 5660 11 N.E., scale 1:25,000 was enlarged in a ratio reflecting projector to 1:10,000 and the perennial drainage pattern transferred to the map manuscript. Office ratio prints were then used to verify the drainage.

34. CONTOURS AND DRAINAGE

Contours are not shown.

Drainage was not field inspected. Perennial drainage delineated is from A.M.S. sheet as described in paragraph 33 of this report.

35. SHORELINE AND ALONGSHORE DETAILS

Field inspection of the shoreline was adequate. However, the grass in water classification shown on the field print of photograph 55-W-2262 was not delineated because no limit line was indicated nor could a limit line be determined by analogy.

Minor changes were made from the 1958 photographs in the shoreline at the mouth of Black Creek.

The location of one new pier added to the 1955 photographs by the field inspector was verified.

36. OFFSHORE DETAILS

One duck blind was delineated from the 1958 photographs. A duck blind nearby indicated by the field inspector on 1955 photograph was not visible on the 1958 photography and was not delineated.

37. LANDMARKS AND AIDS

A silo charted on the 7th edition (11/60), of chart 557, though not field inspected, was office-identified on 1955 and 1958 photography. Form 567 was submitted December 2, 1960. Copies of Form 567 are included with the Descriptive Report for survey T-10672.

38. CONTROL FOR FUTURE SURVEYS

Form 524 for topographic station FARM (1942) 1958 was prepared by the field inspector and is submitted with this report.

The new position of FARM (1942) 1958 as plotted on an incomplete copy of this survey showing the shoreline along with a set of ratio photographs with passpoints was prepared and submitted for the use of the hydrographic party.

39. JUNCTIONS

This manuscript joins:

No contemporary survey to the north.

T-10656 to the west.

T-10658 to the east.

T-10664 to the south.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BOUNDARIES

None.

42 thru 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

A.M.S. PINEY POINT, Md., Va., scale 1:25,000 sheet 5660 II N.E., revised 1946, 3rd edition 1950, which is based on Bureau Survey T-8139 (1942), scale 1:20,000.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 557, scale 1:40,000, 7th edition, 11/7/60, corrected to 11/12/60.

Items to be applied to nautical charts immediately: None.

Respectfully submitted
December 2, 1960

Elmer L. Williams
Elmer L. Williams
Carto. (Photo.)

Approved and forwarded

William E. Randall
William E. Randall
CDR, USN
Baltimore District Officer

PHOTOGRAMMETRIC OFFICE REVIEW

T.

1. Projection and grids Sh 2. Title Sh 3. Manuscript numbers Sh 4. Manuscript size Sh

4a. Classification label Sh

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy Sh 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) Sh 7. Photo hydro stations Sh 8. Bench marks Sh
9. Plotting of sextant fixes Sh 10. Photogrammetric plot report Sh 11. Detail points Sh

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline Sh 13. Low-water line Sh 14. Rocks, shoals, etc. Sh 15. Bridges Sh 16. Aids to navigation Sh 17. Landmarks Sh 18. Other alongshore physical features Sh 19. Other along-shore cultural features Sh

PHYSICAL FEATURES

20. Water features Sh 21. Natural ground cover Sh 22. Planetable contours Sh 23. Stereoscopic instrument contours Sh 24. Contours in general Sh 25. Spot elevations Sh 26. Other physical features Sh

CULTURAL FEATURES

27. Roads Sh 28. Buildings Sh 29. Railroads Sh 30. Other cultural features Sh

BOUNDARIES

31. Boundary lines Sh 32. Public land lines Sh

MISCELLANEOUS

33. Geographic names Sh 34. Junctions Sh 35. Legibility of the manuscript Sh 36. Discrepancy overlay Sh 37. Descriptive Report Sh 38. Field inspection photographs Sh 39. Forms Sh
40. E. H. Williams Henry P. Eichel
Reviewer Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler

Supervisor

43. Remarks:

48. Geographic Names:

Belvedere Creek
Blake Creek

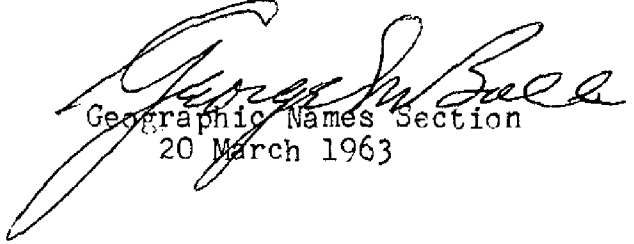
Flood Creek

Lane Beach

Mulberry Field Creek

Poplar Hill Creek
Potomac River
Pustey Creek

White Point Beach


Geographic Names Section
20 March 1963

REVIEW REPORT
of Planimetric Maps
T-10651 thru T-10657
March 1963

61. General Statement

These are seven (7) planimetric maps of project PH-161 Lower Potomac River, Md. and Va. These maps were prepared to furnish shoreline and control for hydrographic surveys, and base maps for nautical charting.

62. Comparison with Registered Topographic Surveys

T-8115	1:20,000	1943
T-8139	1:20,000	1943
T-8140	1:20,000	1943
T-8141	1:20,000	1943
T-8442	1:20,000	1942

Minor cultural and shoreline changes have taken place and several aids to navigation have been rebuilt or relocated since the above listed surveys were made. T-10651 thru T-10657 are to supersede the above listed surveys of identical areas for nautical charting purposes.

63. Comparison with Maps of Other Agencies

Rock Point Md.	1:24,000	U.S.G.S.	1943
Stratford Va., Md.	1:24,000	U.S.G.S.	1943
Blackiston Island Va., Md.	1:24,000	U.S.G.S.	1943
Piney Pt. Va., Md.	1:24,000	U.S.G.S.	1943
Leonardtwn Md.	1:62,500	U.S.G.S.	1936-1950

In general, the agreement is good, but there are minor cultural and shoreline differences.

64. Comparison with Contemporary Hydrographic Surveys

H-8550 <i>Renewed</i>	1:10,000	1960
H-8551 <i>new</i>	1:10,000	1960
H-8552	1:10,000	1960
H-8611	1:10,000	1961
H-8613	1:10,000	1961

Some of the above surveys have been verified, all are subject to review.

Shoreline and control of the subject surveys was furnished prior to the hydrography and as no changes of importance have been made there is good agreement.

65. Comparison with Nautical Charts

558

1:40,000

Nov. 1962

There are no differences of importance between the chart and the subject manuscripts.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the required accuracy for Nautical Charting.

Submitted by:

L. C. Lande
L. C. Lande

Approved by:

Charles L. Linn
Chief, Cartographic Branch

Samuel B. Taylor
Chief, Nautical Charts Division

J. E. Waugh 7/10/63
Chief, Photogrammetry Division

W. Wallace S. Connelley
Chief, Operations Division

